

**BPM020474 - Statewide Personal Protection Equipment and Supplies - Exhibit A -Specifications**

Line Item	Description	Specifications
1	N95 Mask (Medical, NIOSH approved)	Respirator N95 - respirator according to US NIOSH, or "FFP2" according to EN 149N95 Good breathability with design that does not collapse against the mouth (e.g. duckbill, cup shaped), various sizes
2	N95 Mask (Industrial grade)	3M Model 8210 or equal
3	KN95 Mask	Respirator KN95 - respirator according to China GB2626-2006 standard, Good breathability with design that does not collapse against the mouth (e.g. duckbill, cup shaped), various sizes
4 Through 6	Surgical Face Mask Level I, II, & III	Surgical Face Mask - Surgical masks are fluid-resistant, disposable, and loose-fitting protection devices that create a physical barrier between the mouth and nose of the wearer and the immediate environment. Shall be latex free. FDA reviews and clears surgical masks under 21 CFR 878.4040 as Class II medical devices, which may be labeled as surgical, isolation, dental, or medical procedure masks. They may come with or without a face shield. These are often referred to as face masks, although not all face masks are regulated as surgical masks. Fluid resistance is met if the mask passes the test method below, or comparable test method, at any specific velocity as identified in the labeling. The mask shall be tested on a pass/fail basis at velocities specified in the standard. ASTM F 1862: Standard Test Method for Resistance of Surgical Mask to Penetration by Synthetic Blood, Viral or bacterial filtration performance (e.g., filters 95% of bacteria) Filtration testing (e.g., ASTM F2101-01 (Bacterial Filtration Efficiency) and ASTM F2299 (Particulate Filtration Efficiency), Biocompatibility: Appropriate analysis and testing (such as that outlined in the ISO-10993-1 standard, "Biological Evaluation of Medical Devices Part 1: Evaluation and Testing within a Risk Management Process.") must demonstrate the biocompatibility of the mask. Tests selected must be appropriate for expected duration and level of contact with the device (e.g., limited contact devices including skin). Masks should be tested on a pass/fail basis with respect to cytotoxicity, sensitization, and irritation. Surgical masks cleared by FDA under 21 CFR 878.4040 as Class II medical devices; 510K number shall be provided by offeror if applicable. Equivalent or similar to Medline NON27402
	Isolation Gowns (Item No. 7-10)	For all Gowns below - May be woven or non-woven fabric, Must be latex free, Must be disposable, Must meet ASTM F2407 standard, Must meet CPSC standard 16 CFR Part 1610, Class 1 for flammability, Must be clearly labeled with manufacturer, size, barrier protection level and dimensions/locations of critical and non-critical zones. Single use, fluid resistant, disposable, length mid-calf to cover the top of the boots, light colors preferable to better detect possible contamination, thumb/finger loops or elastic cuff to anchor sleeves in place. Full coverage, no open back. Materials used in the construction is non-sensitizing and non-irritating in accordance with ISO/ANSI/AAMI 10993-10 Equivalent or similar to Medline NONLV200 and Medline NONLV315. Sizes: small, medium, regular/large, extra large, extra extra large. Option 1: fluid penetration resistant: EN 13795 high performance, or AAMI PB70 level 3 performance or above, or equivalent Option 2: blood borne pathogens penetration resistant: AAMI PB70 level 4 performance, or (EN 14126-B) and partial body protection ( EN 13034 or EN 14605), or equivalent.

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7	Isolation Gown Level I	<i>Barrier Protection</i> - Passes ANSI/AAMI PB70 Level 1 requirements or made of fabrics and seams that pass at a minimum AATCC 42 $\leq$ 4.5 g
8	Isolation Gown Level II	<i>Barrier Protection</i> - Passes ANSI/AAMI PB70 Level 2 requirements or made of fabric and seams that pass at a minimum AATCC 42 $\leq$ 1 g and AATCC 127 $\geq$ 20 cm H <sub>2</sub> O or EN 20811 $\geq$ 20 cm H <sub>2</sub> O
9	Isolation Gown Level III	<i>Barrier Protection</i> - Passes ANSI/AAMI PB70 Level 3 requirements or made of fabric and seams that pass at a minimum AATCC 42 $\leq$ 1 g and AATCC 127 $\geq$ 50 cm H <sub>2</sub> O or EN 20811 $\geq$ 50 cm H <sub>2</sub> O
10	Isolation Gown Level IV	<i>Barrier Protection</i> - Passes ANSI/AAMI PB70 Level 4 requirements or made of fabric and seams that pass at a minimum ASTM F1671 or ISO 16604 $\geq$ 14 kPa
11	Face Shields	Disposable Face shields - Must meet ANSI/ISEA Z.87.1-2010 standard, Must cover the front and sides of the face; be full face length with outer edges of the face shield reaching at least to the point of the ear, include chin and forehead protectors, and cover the forehead, Include a single Velcro strap and or elastic strap, Treated for anti-glare, anti-static, and anti-fogging properties, Equivalent or similar to Medline NONFS300
12	Nitrile Gloves	Gloves - nitrile, non-sterile powder-free, patient exam glove, single use. Shall be latex free. Must meet ASTM D6319-19 standard specifications, Must be registered and listed with FDA, Must be snug or form fitting patient examination gloves, Equivalent or similar to Dynarex #2513, Extra Small, Small, Medium, Large, Extra Large
13	Goggles	Goggles - Good seal with the skin of the face, Flexible PVC frame to easily fit with all face contours with even pressure, Enclose eyes and the surrounding areas, Accommodate wearers with prescription glasses, Clear plastic lens with fog and scratch resistant treatments, Adjustable band to secure firmly so as not to become loose during clinical activity, Indirect venting to avoid fogging, May be re-usable (provided appropriate arrangements for decontamination are in place) or disposable. EU standard directive 86/686/EEC, EN 166/2002, ANSI/ISEA Z87.1-2010, or equivalent
14	Shoe/Boot Covers (Device Class 1)	High quality heavy duty over boot cover, puncture and abrasion resistant, Entirely liquid impermeable and repellent (adequate protection against bio-hazardous liquids), Material: polypropylene coated on non-woven base, Color: white, Antistatic treated, Patterned/grooved sole provides excellent slip resistance, sole thickness: 5 mm, Resistant to disinfectant (ethanol 70% and chlorine solution 0.5%), Total length (sole till upper-calf level: 45 cm, Upper-calf level, elasticated and/or provided with pair of tie-straps, length 25 cm each, Ankle level, elasticated for user-comfort, Accommodates all boot sizes (typical range EU 40-45, UK 7-9, US 8-11), Fits either foot (ambidextrous), Single use disposable
15	Surgical/Bouffant caps	Cap, surgical, bouffant, non-woven, Nonwoven surgical cap, Round, bouffant surgical cap elasticated, Colors: preferably blue or green, Material: nonwoven polypropylene material, Size expected: Adult model, standard size, Single use, Non-sterile
16	Hand Sanitizer (4 oz bottle)	Hand sanitizer must be unscented, clear, gel and formulated, manufactured, packaged, labeled, and shipped in accordance with the guidelines of the United States Federal Drug Administration (FDA) for hand sanitizer ( <a href="https://www.FDA.gov">https://www.FDA.gov</a> ). Shall not contain methanol.

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17	Hand Sanitizer (gallon w/ dispensing pump)	Hand sanitizer must be unscented, clear, gel and formulated, manufactured, packaged, labeled, and shipped in accordance with the guidelines of the United States Federal Drug Administration (FDA) for hand sanitizer ( <a href="https://www.FDA.gov">https://www.FDA.gov</a> ). Shall not contain methanol.
18	Disinfectant Spray	DISINFECTANT SPRAY, HOSPITAL GRADE, EFFECTIVE AGAINST VIRUCIDAL, FUNGICIDAL, BACTERICIDAL. 16.5 OZ AEROSOL CAN. CONTROLS GROWTH OF MOLD AND MILDEW ON HARD NONPOROUS SURFACES. REDUCES HAZARDS OF CROSS INFECTIONS. 12 CANS PER CASE MUST BE EPA REGISTERED
19	Disinfectant Wipes	WIPES, PRE-MOISTENED, SIZE 7" X 8". ONE-STEP WIPE FOR CLEANING, DISINFECTING AND DEODORIZING. BLEACH FREE, KILLS 99.9% OF BACTERIA, POP-UP CANISTER, 80 WIPES PER CANISTER, 6 CANISTERS PER CASE
20	Hand Sanitizer, Dispenser Refill	Purell #1903
21	Hand Sanitizer, Dispenser Refill	Purell #5456